

# AAA CHENNER

OUR SIXTY SECOND YEAR

Art Schultz W9BR  
Editor

253-6657

Wm. Lueth W9AI  
Publisher

MEETINGS: 2nd AND 4th Fridays each Month.

U. C. Missions Bldg.  
222 S. Downey Ave.

Burnham Hall.

8:00 P. M.

Newsletter #5  
May 1978

\*\*\*\*\*

MEETING: May 12, 1978. ALL ABOUT SCANNERS by Paul Bohrer, W9DUU,  
Paul will discuss in detail the operation, construction of  
scanner and the various devices they are used on.

\*\*\*\*\*

NEW MEMBER We are delighted to add the name of Harold E. Perry, WB9UBC  
to our membership roll. Harold has been licensed since April 1976 and  
holds the Advance Class license. He has recently retired from the quality  
control Dept. of Detroit Diesel Div. of Allison, where he was active in  
the Allison Radio Club. His QTH 5317 Seerley Rd. Phone 241-6298 where  
he operates presently on 10 meters SSB with an FT-101 rig and a Mosley  
Tri-bander as well as on 2 meter FM.

## PROGRAM REVIEW

On April 14, Mike Blake, K9JRI presented his program on  
the conversion of CB rigs for use on 10 meters. He demonstrated a set  
recently converted which showed good scope patterns and excellent freq.  
stability using a freq. counter. Mike also passed out three sheets of  
technical data covering this set, a Lafayette HB-750 CB rig. Cb rigs ob-  
tain their operating freqs. either by using a multiplicity of xtals  
heterodyning one with the other or by using a phase locked loop having but  
one freq xtal, being the type he converted. One first determines the cor-  
rect freq of this xtal for 10 meters, since it may be harmonically related rathe-  
er than fundamental mode type. The voltage control osc. must be adjusted  
to obtain the correct heterodyning sigs going to the first mixer in the  
receiver and trans. circuits. Also the RF stages must be peaked in the  
10 meter band since they were originally tuned to 11 meters. Mike offer-  
ed to help anyone wishing to attempt this conversion. THANKS Mike for  
bringing this info to the attention of our Club, since this data has not  
been published in any of the usual Ham resources.

## OFFICIAL TILER

Charles Preston, WB9CBZ has been appointed chairman of the  
Welcoming Committee and will undertake the duties of handling the name  
badges as well as providing a warm handshake and welcome to all, especi-  
ally guests and visitors. Apparently other clubs have similar problems  
as indicated by a poem on the subject brought in by Gene VanSickle, W9KJF  
from the Power Squadron Club. Charlie will appoint helpers and improve  
the Club's image greatly by providing this most needed service. Thanks  
for taking the job Charlie, We all appreciate it.

## NEWS RESOURCES

Our thanks also goes out to Wade Kingery, W9JGZ for his  
work in collecting and making available news items concerning Ham Radio  
from sources coming to his notice, such as Industrial Communications. Ye  
Editor reads every word and gleans news from it suitable for the Club.

## BUSINESS

A business session was held after the April 14th meeting. Cary  
Carenden our Pres. announced plans for the June 24-25th Field Day, the  
site and details to be announced as developed.



Chas. Preston moved that the Club's donation to the James Sugioka Memorial Fund be opened to allow club members to make donations on a personal basis rather than taking up a collection. Deadline for these contributions will be the May 12th meeting. A letter was read from LeRoy Waggoner W9YMV regarding his Honorary Membership. He pointed out the great need for donations of blood to the Blood Bank which is vitally needed in large amounts. The revised and updated Constitution is still in the preparation stage complicated by the fact that several versions are in extant. the final issue will contain these corrections as well as the amendments voted last year.

QSY Ralph Mays, no call, has recovered nicely from his recent leg injury. He is leaving his Summit House QTH and is moving to Elwood, Ind. in May his home town where he will be near his sister. He will be located at the DICKEY NURSING HOME 1007 N. 9th St. Elwood Ind. 43036. Phone 552-7900. He would enjoy visits and letters from his friends.

#### PROGRAM REVIEW

Ron Cooper, WB9DKL presented a program on Digital counters on April 29 1978 using the overhead projector and well prepared schematics. Digital counters use the Binary system for computation therefore multivibrators are used to perform the rapid switching required. These are called flip-flops and may be wired up to act as Set-Reset, Toggle, or free running, all made of the popular J-K flip flop number 7476. Ron used a 7490 which consists of a series of flip-flops all wired up internally to permit dividing by 10. Ron used a circuit called Andy's Counter, (Jan 4, 78 QST) By a small change in the circuit Ron was able to obtain signal markers at 100 Khz, 25 Khz, 10 Khz, and 5 Khz. Thanks Ron for a clear and lucid presentation of an esoteric subject.

#### Shiny New Tickets

We are most gratified to report that three of our members have successfully passed the respective FCC tests taken last week of April and now proudly possess upgraded tickets. Willard M. Walsh, WB9UMB now happily holds the Amateur Extra Class license. Malcolm L. Eberhart, WB9WRC Joined the Advanced License ranks and John R. Chaplin WD9EZN now has the Technician's ticket. Our heartiest congratulations to each of you on the occasion of your upgraded Amateur status.

#### INDY HAMFEST

The Indy Hamfest is scheduled this year for July 9th Sunday as usual, located at the Marion County Fairgrounds. This year overnight camping will be available with juice for running your rigs. A large flea market and commercial display area is planned and the First Prize is a lu-lu, a Kenwood TS-520-S with many smaller prizes. Over 3500 are expected to attend. Start saving up your green stamps for those goodies and a good time. Several things are planned for the Ladies.

#### Suggestion

Ye Editor suggests that the Club obtain an inside booth location at the forthcoming Indy Hamfest in July at which any member in good standing could dispose of his surplus equipment. His cost would be attending the booth and recording sales and inventory for an hour or so. Owners should tag and price all their goods or indicate trade needs.

#### RELAY CHATTER

Would you say that frequent changing of fuses is a RE-Current problem. Do you find changing batteries in your transistor radio is a RE-VOLTING chore?

OHM my aching back, what hum bug.

73's

BR/AI.

MEETING : May 26th 1978. ----- 8:00 P. M. Burnham Hall. Missions Bldg.

Berry Sanderson, of the Naval Avonics Center will present a program on

MICRO-PROCESSORS AND KEYBOARDS

With the increased use of Micro-Processors in our daily life, this should prove to be a very timely subject, presented by an expert on the subject.

DON'T MISS IT.